

Notch (C)	IDE $\bar{C}$ -SNP	$\bar{C}$ QNGGTC---D-V $\bar{G}$ SY- $\bar{C}$ - $\bar{C}$ PP $\bar{G}$ FT	$\bar{G}$ K--- $\bar{C}$ E-N
<u>10244 (C)</u>	-NE $\bar{C}$ TM---	$\bar{C}$ QH--- $\bar{C}$	VNT- $\bar{G}$ SY- $\bar{C}$ K $\bar{C}$ -S $\bar{G}$ --
80			$\bar{G}$ --L- $\bar{C}$ D
95	VNE $\bar{C}$ GKMPRP	$\bar{C}$ QHR $\bar{C}$	$\bar{C}$ R $\bar{C}$ FP $\bar{G}$ YT
133	VNSRTCAMIN	$\bar{C}$ QYS $\bar{C}$	$\bar{G}$ KT $\bar{C}$ SQ D
175	IDE $\bar{C}$ ASGKVI	$\bar{C}$ PYNRR $\bar{C}$	$\bar{G}$ HMLMP D
220	INE $\bar{C}$ TMDSHT	$\bar{C}$ SHHAN $\bar{C}$	$\bar{G}$ LRLAPN
			LQYISGR
			$\bar{G}$ NGRL $\bar{C}$ S
<u>CD97 (C)</u>	V-E $\bar{C}$ -SG-Q-- $\bar{C}$ -SS-- $\bar{C}$	-NTV $\bar{G}$ SY- $\bar{C}$ R $\bar{C}$ RP $\bar{G}$ W-P-P $\bar{G}$ -PN---	D
<u>EGF (C)</u>	NSDSE $\bar{C}$ PLSHDGY $\bar{C}$ LHDGV $\bar{C}$ MYIEALDKYA $\bar{C}$ NCVV $\bar{G}$ YI---	$\bar{G}$ ER-- $\bar{C}$ QYRDLKWWELR	

Figure 1

GGCTGGAGAA GAAACAGCAA GGGAGTCTGT GAAGCTACAT GCGAACCTGG  
 ATGTAAGTTT GGTGAGTGCG TGGGACCAAA CAAATGCAGA TGCTTTCCAG  
 GATACACCGG GAAAACCTGC AGTCAAGATG TGAATGAGTG TGGAATGAAA  
 CCCC GGCCAT GCCAACACAG ATGTGTGAAT ACACACGGAA GCTACAAGTG  
 CTTTTGCCTC AGTGGCCACA TGCTCATGCC AGATGCTACG TGTGTGAACT  
 CNAGGACATG TGCCATGATA AACTGTCAGT ATAGCTGTGA AGACACAGAA  
 SEQ ID NO: 1

GGCTGGAGAA GAAACAGCAA GGGAGTCTGT GAAGCTACAT GCGAACCTGG  
 ATGTAAGTTT GGTGAGTGCG TGGGACCAAA CAAATGCAGA TGCTTTCCAG  
 GATACACCGG GAAAACCTGC AGTCAAGATG TGAATGAGTG TGGAATGAAA  
 CCCC GGCCAT GCCAACACAG ATGTGTGAAT ACACACGGAA GCTACAAGTG  
 CTTTTGCCTC AGTGGCCACA TGCTCATGCC AGATGCTACG TGTGTGAACT  
 CNAGGACATG TGCCATGATA AACTGTCAGT ATAGCTGTGA AGACACAGAA  
 GAAGGGCCAC AGTGCCTGTG TCCATCCTCA GGACTCCGCC TGGCCCCAAA  
 TGGAAGAGAC TGTCTAGATA TTGATGAATG TGCCTCTGGT AAAGTCATCT  
 GTCCCTACAA TCGAAGATGT GTGAACACAT TTGGAAGCTA CTACTGCAAA  
 TGTCACATTG GTTTCGAACT GCAATATATC AGTGGACGAT ATGACTGTAT  
 AGATATAAAT GAATGTACTA TGGATAGCCA TACGTGCAGC CACCATGCCA  
 ATTGCTTCAA TACCCAAGGG TCCTTCAAGT GTAAATGCAA GCAGGGATAT  
 AAAGGCAATG GACTTCGGTG TTCTGCTATC CCTGAAAATT CTGTGAAGGA  
 AGTCCTCAGA GCACCTGGTA CCATCAAAGA CAGAATCAAG AAGTTGCTTG  
 CTCACAAAAA CAGCATGAAA AAGAAGGCAA AAATTAAAAA TGTTACCCCA  
 GAACCCACCA GGACTCCTAC CCCTAAGGTG AACTTGCAGC CCTTCAACTA  
 TGAAGAGATA GTTTCAGAG GCGGGAAGTC TCATGGAGGT AAAAAAGGGA  
 ATGAAGAGAA AATGAAAGAG GGGCTTGAGG ATGAGAAAAG AGAAGAGAAA  
 GCCCTGAAGA ATGACATAGA GGAGCGAAGC CTGCGAGGAG ATGTGTTTTT  
 CCCTAAGGTG AATGAAGCAG GTGAATTCTG CCTGATTCTG GTCCAAAGGA  
 AAGCGCTAAC TTCCAAACTG GAACATAAAG ATTTAAATAT CTCGGTTGAC  
 TGCAGCTTCA ATCATGGGAT CTGTGACTGG AAACAGGATA GAGAAGATGA  
 TTTTGACTGG AATCCTGCTG ATCGAGATAA TGCTATTGGC TTCTATATGG  
 CAGTTCCGGC CTTGGCAGGT CACATGAAAG ACATTGGCCG ATTGAAACTT  
 CTCCTACCTG ACCTGCAACC CCAAAGCAAC TTCTGTTTGC TCTTTGATTA  
 CCGGCTGGCC GGAGACAAAG TCGGGAAGT TCGAGTGTTT GTGAAAAACA  
 GTAACAATGC CCTGGCATGG GAGAAGACCA CGAGTGAGGA TGAAAAGTGG  
 AAGACAGGGA AAATTCAGTT GTATCAAGGA ACTGATGCTA CAAAAGCAT  
 CATTTTTGAA GCAGAACGTG GCAAGGGCAA AACCGGCGAA ATCGCAGTGG  
 ATGGCGTCTT GCTTGTTTCA GGCTTATGTC CAGATAGCCT TTTATCTGTG  
 GANNNCTGAA TGGTACTATC TTTATATTTG ACTTTGTATG TCAGTTCCTT  
 GGTTTTTTTT ATATTGCATC ATAGGACCTC TGGCATTTTA AAATTACTAG  
 CTGAAAAATT G  
 SEQ ID NO: 2

FIGURE 2

GWRRNSKGVCEATCEPGCKFGECVGPNNKCRCFPGYTGKTCSQDVNECGMKPRPCQHR  
CVNTHGSYKCFCLSGHMLMPDATCVNSRTCAMINCQYSCEDTE  
SEQ ID NO:3

GWRRNSKGVCEATCEPGCKFGECVGPNNKCRCFPGYTGKTCSQDVNECGMKPRPCQHR  
CVNTHGSYKCFCLSGHMLMPDATCVNSRTCAMINCQYSCEDTEEGPQCLCPSSGLRLAP  
NGRDCLDIDECASGKVICPYNRRCVNTFGSYCKCHIGFELQYISGRYDCIDINECTMDS  
HTCSHHANCFNTQGSFKCKCKQGYKGNGLRCSAIPENSVKEVLRAPGTIKDRIKKLLAH  
KNSMKKKAKIKNVTPEPTRTPKVNLPFNYYEIVSRGGNSHGGKKGNEEKMKEGLE  
DEKREEKALKNDIEERSLRGDVFFPKVNEAGEFGLILVQRKALTSKLEHKDLNISVDCSF  
NHGICDWKQDREDDFDWNPADRDNAIGFYMAVPALAGHMKDIGRLKLLLPDLQPQSN  
FCLLFDYRLAGDKVGKLRVFKNSNNALAWKTTSEDEKWKTGKIQLYQGTDATKSIIF  
EAERGKGKTGEIAVDGVLLVSGLCPDLSLVDDXMVLSLYLTLYVSSLVFLILHHRTSGI  
LKLLAEKL  
SEQ ID NO:4

FIGURE 3

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ACTAGTGATTCCATCTTAATACGACTCACTATAGGGCTCGAGCGGCCGCCGGGCAGGTTCTGCAGGGACAGCACCCCGGTA  
ACTCGAGTGGAGCGGAGGCCGAGCGGCTGAGGAGAGAGGAGCGCGGCTTAGCTGCTACGGGGTCCGGCCGGCGCC  
CTCCGAGGGGGCTCAGGAGGAGGAAGGAGACCCGTGCGAATGCCCTTGCCCTGGAGCCTTGCGCTCCCGTCTGCT  
CTCCCTGGGTGGCAGTGCTTCGGGAACGGCGCCAGTGCAAGGCATCACGGGTGTAGCATCGGCACGTGACGCTGG  
GGTCTGTCACTATGGAATPAAACTGGCCTGCTGCTACGGCTGGAGAAGAAACAGCAAGGGAGTCTGTGAAGCTACATGCG  
AACCTGGATGTAAGTTTGGTGGAGTGGGACCAACAAATCCAGATGCTTTCAGGATACACCGGGAACACCTGCGAGT  
CAAGATGTAATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAAGCTACAAGTGCCT  
TTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTAGGACATGTGCCATGATPAAACTGTTCAGTATA  
GCTGTGAAGACACAGAAAGAGGCCACAGTGCCTGTGTCCATCCTCAGGACTCCGCCCTGGCCCCAAATGGAAGAGAGCTGT  
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GGCAATGGACTTCGGTGTCTGCTATCCTGAAAATCTGTGAAAGGAAGTCTCAGAGCACCTGGTACCATCAAGACAG  
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CGCTAACTTCCAAACTGGAACATAAAGATTTAAATATCTCGTTGACTGCAGCTTCAATCATGGGATCTGTGACTGGAAA  
CAGGATAGAGAAGATGATTTTCACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTCTCCGGCTT  
GGCAGGTACAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCTGCAACCCCAAGCAACTCTGTTTGTCTCT  
TTGATTACCGCTGGCCGGAGACAAAAGTCGGGAACTTCGAGTGTGTGTGAAAACAGTAAACAAATGCCCTGGCATGGGAG  
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CACATTATATATAAAATATGGAATATGTCAGGTTTTATCTCCCTCCTCAGTATATCTGATTTGTATAGTAAGTAAGTTGATGA  
GCTTCTCTGCAACATTTTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGATAGATGTTTT  
TGAAAACTATGACATCAAGAATAGACTTTTGCCCTAAGTGCGTTAGCTGGGTCTTTCATAGCCAAACTGTATATTTAAAT  
TCTTTGTAATAATAATATCCAAATCATCAAAAAAATAAAAAA  
SEQ ID NO: 5

FIGURE 4

**EGFL6 (221-260 aa)  
3D Model**

**EGF  
NMR Structure**

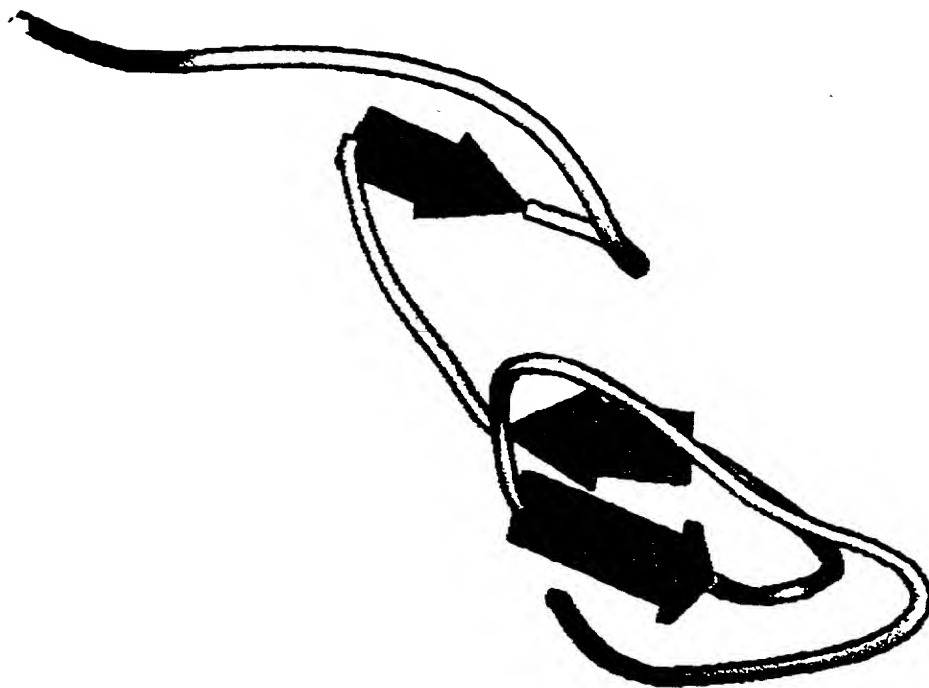
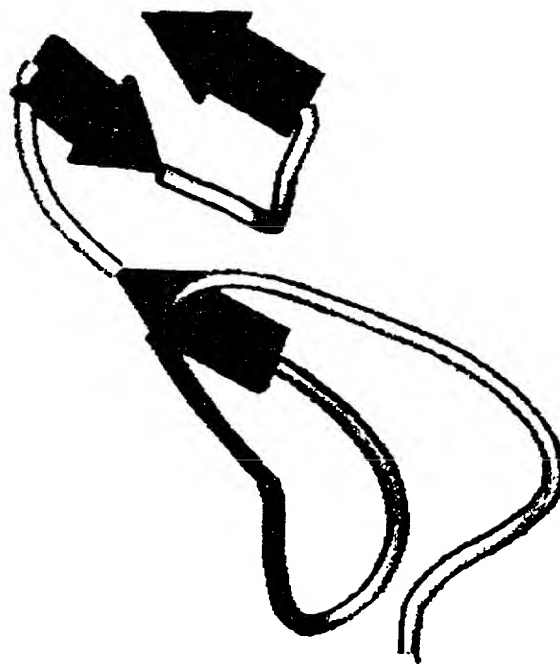


Figure 5